

Patent Abstracts of Japan

EUROPEAN PATENT OFFICE

PUBLICATION NUMBER : 11207859
PUBLICATION DATE : 03-08-99

APPLICATION DATE : 22-01-98
APPLICATION NUMBER : 10010353

APPLICANT : TOKAI RUBBER IND LTD;

INVENTOR : TAGUCHI TAKEHIKO;

INT.CL. : B32B 15/06 F16F 1/36 // C08L 9/00

TITLE : METAL-RUBBER COMPOSITE AND MANUFACTURE THEREOF

ABSTRACT : PROBLEM TO BE SOLVED: To provide a metal-rubber composite, in which a metal material and a rubber is bonded together with enough strength through vulcanization without employing an adhesive, and its manufacturing method.

SOLUTION: This composite is produced by vulcanizingly molding a rubber composition including an uncrosslinked rubber component such as olefin rubber (EPM, EPDM or the like) or hydrogenated acrylonitrile-butadiene rubber (H-NBR), a silane coupling agent and an organic peroxide on an alkali-treated metal. As the metal, iron, aluminum, their alloy or the like can be employed.

COPYRIGHT: (C)1999,JPO